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U.S. PTO  
OLD

PATENT APPLICATION

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*None Fee*

Applicant(s): Nicholas L. Abbott, et al.

Title: **DETECTING COMPOUNDS WITH LIQUID CRYSTALS**

Docket No.: 032026:0573

BOX PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

"Express Mail" Mailing Label No.: EL846155306US

Date of Deposit: August 16, 2001

I hereby certify that these attached documents

- \* Utility Patent Application Transmittal
- \* Utility Patent Application (Specification, Claims, and Abstract (72 pages) + 10 sheets of drawings)
- \* Ten (10) Sheets of Formal Drawings
- \* Declaration and Power of Attorney (unsigned)
- \* Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 35 C.F.R. § 1.10 on the date indicated above and is addressed to BOX PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231.

Enclosed for filing please find the above-referenced utility patent application. Please indicate receipt of this utility patent application by returning the attached postcard with the official Patent and Trademark Office receipt stamped thereon.

*Laurie Weigt*

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11017 U.S. PRO  
08/16/01

Atty. Dkt. No. 032026:0573

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Abbott, *et al.*  
Title: Detecting Compounds With Liquid Crystals  
Appl. No.: Unknown  
Filing Date: Unknown  
Examiner: Unknown  
Art Unit: Unknown

11002 U.S. PRO  
09/03/05

UTILITY PATENT APPLICATION  
TRANSMITTAL

BOX PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the non-provisional utility patent application of:

Nicholas L. Abbott  
Rahul R. Shah

☒ Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

- ☒ Specification, Claims, and Abstract (72 pages).
- ☒ Formal drawings (10 sheets, Figures 1-15).
- ☒ Unexecuted Declaration and Power of Attorney (4 pages).
- ☐ Small Entity statement.
- ☐ Request for application not to be published with certification under 35 USC 122(b)(2)(B)(i).

The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee		Extra Claims		Rate		Fee Totals
Basic Fee							\$710.00		\$710.00
Total Claims:	64	-	20	=	44	x	\$18.00	=	\$792.00
Independents:	5	-	3	=	2	x	\$80.00	=	\$160.00
If any Multiple Dependent Claim(s) present:						+	\$270.00	=	\$0.00
Surcharge under 37 CFR 1.16(e) for late filing of Executed Declaration and late payment of filing fee						+	\$130.00	=	\$0.00
							SUBTOTAL:	=	\$1,662.00
[ X ] Small Entity Fees Apply (subtract 1/2 of above):							=		831.00
							TOTAL FILING FEE:	=	\$831.00

- [ ] A check in the amount of \$0.00 to cover the filing fee is enclosed.
- [ X ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 06-1447. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 06-1447.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date August 16, 2001

By Bernard P. Friedrichsen

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